

Serial No. 10/043,797
Pedziwiatr et al
Case No. CE08185R

Amendment to the Claims

1. (Currently Amended) A wireless communication system, comprising:
a core system adapted to establish a first set of redundant communication paths between the core system and respective first and second radio access network session clients associated with respective first and second locations within the wireless communication system; and
a base transceiver station adapted to establish a second set of redundant communication paths between the base transceiver station and the respective first and second radio access network session clients, wherein the first and second sets of redundant communication paths are adapted to simultaneously convey communications associated with a mobile communication device and wherein one of the core system and the base transceiver station is adapted to determine the integrity of a communication path from the first and second sets of redundant bearer communication paths using frame erasure rates and to determine the integrity of a communication path from the first and second sets of redundant control communication paths using sequence numbers.
2. (Original) The wireless communication system of claim 1, wherein the respective first and second locations are associated with respective first and second radio access networks.
3. (Original) The wireless communication system of claim 1, wherein the core system includes fixed equipment.
4. (Original) The wireless communication system of claim 1, wherein the first and second sets of redundant communication paths include control and bearer paths.
5. (Cancelled)

Serial No. 10/043,797
Pedziwiatr et al
Case No. CE08185R

6. (Original) The wireless communication system of claim 5, wherein the mobile communication device is a cellular phone.
7. (Cancelled)
8. (Currently Amended) A wireless communication system, comprising:
a core system having a first bridging function adapted to establish a first set of redundant communication paths between the core system and a plurality of radio access network session clients; and
a base transceiver station having a second bridging function adapted to establish a second set of redundant communication paths between the plurality of radio access network session clients and the base transceiver station, wherein the first and second sets of redundant communication paths are adapted to simultaneously convey communications associated with a mobile communication device and wherein one of the core system and the base transceiver station is adapted to determine the integrity of a communication path from the first and second sets of redundant bearer communication paths using frame erasure rates and to determine the integrity of a communication path from the first and second sets of redundant control communication paths using sequence numbers.
9. (Original) The wireless communication system of claim 8, wherein the first and second sets of redundant communication paths are associated with respective first and second locations within the wireless communication system.
10. (Original) The wireless communication system of claim 9, wherein the respective first and second locations within the wireless communication system are associated with respective first and second radio access networks.

Serial No. 10/043,797
Pedziwiatr et al
Case No. CE08185R

11. (Original) The wireless communication system of claim 8, wherein the core system includes fixed equipment.
12. (Original) The wireless communication system of claim 8, wherein the first and second sets of redundant communication paths include control and bearer paths.
- 13-14. (Cancelled)
15. (Currently Amended) A wireless communication system, comprising:
a core system; and
a base transceiver station, wherein the core system and the base transceiver station are adapted to convey communications associated with a mobile communication device using a plurality of redundant communication paths and a plurality of redundant radio access network session clients wherein the first and second sets of redundant paths are adapted to simultaneously convey communications associated with a mobile communication device and wherein one of the core system and the base transceiver station is adapted to determine the integrity of a communication path from the first and second sets of redundant bearer communication paths using frame erasure rates and to determine the integrity of a communication path from the first and second sets of redundant control communication paths using sequence numbers.
16. (Original) The wireless communication system of claim 15, wherein each of the plurality of redundant radio access network session clients is associated with a different location within the wireless communication system.
17. (Original) The wireless communication system of claim 15, wherein each of the plurality of redundant radio access network session clients is associated with a different

Serial No. 10/043,797
Pedziwiatr et al
Case No. CE08185R

one of a plurality of communicatively coupled radio access networks within the wireless communication system.

18. (Cancelled)

19. (Currently Amended) A wireless communication system, comprising:

a core system; and

a plurality of communicatively coupled radio access networks, wherein each of the plurality of communicatively coupled radio access networks is adapted to establish redundant communication paths for a mobile device and wherein each of the radio access networks is adapted to establish a radio access network session client associated with the redundant communication paths and wherein one of the core system and the radio access networks are adapted to determine the integrity of a communication path from the first and second sets of redundant bearer communication paths using frame erasure rates and to determine the integrity of a communication path from the first and second sets of redundant control communication paths using sequence numbers.

20. (Original) The wireless communication system of claim 19, wherein each of the plurality of communicatively coupled radio access networks is adapted to determine the integrity of its respective redundant communication paths for the mobile device.

21. (Original) The wireless communication system of claim 20, wherein each of the radio access networks includes a base transceiver station adapted to provide a communications bridging function between the mobile device and the radio access network session clients.

22-25. (Cancelled)